

Work Order ID 160655

Tuesday, May 02, 2017 2:57:52 PM

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Item ID: D3800-1-100 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Hook And Loop Strip (1" Soft)

Start Date: 5/3/2017 Start Qty: 150.00 ***150*** Cust Item ID:
Required Date: 5/10/2017 Req'd Qty: 150.00 ***150*** Customer:

Reference:

Approvals: Process Plan: DAS 13 9-89 Date: MAY 02 2017 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3800	Rev B								

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 36214
Purchase Part Number: 9776K122 (5FT) , 9776K126(10FT) , 9776K18(15FT) ,
9776K28(30FT) , 9776K131 (50FT), 9776K38(75FT), 9776K93(combination
pack)
Supplier: McMASTER CARR
Certificate of conformity is required

150 MAY 05 2017 DAS 13 9-89

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

3.00

Packaging

Ensure Material Release Note is attached

150 8017-5-8

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Item ID: D3800-1-100

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Hook And Loop Strip (1" Soft)

Start Date: 5/3/2017 Start Qty: 150.00

150

Cust Item ID:

Required Date: 5/10/2017 Req'd Qty: 150.00

150

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- All purchased or subcontracted products	0.00							
120						150			DAS 38 9-89 MAY 08 2017
QC	Memo	0.00							
Quality Control									
130	Identify as per dwg & Stock Location: <u>St 4/9</u>	0.00							
130						100			DAS 0 9-89 MAY 08 2017
Packaging	Memo	1.50							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									17/5/9 J
QC	Memo	15.00							
Quality Control									

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9-89

MAY 09 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____			

Picklist Print

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Work Order ID: 160655

160655

Parent Item: D3800-1-100

D3800-1-100

Parent Item Name: Hook And Loop Strip (1" Soft)

Start Date: 5/3/2017

Required Date: 5/10/2017

Start Qty: 150.00

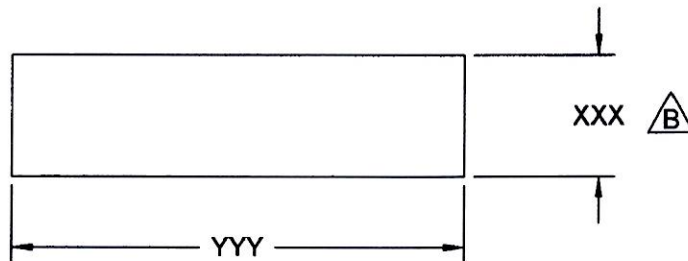
Required Qty: 150.00

Comments: IPP Rev:A 08-10-21 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
9776K38		Purchased	No			100	f	0.0000	1	150			
9776K38									**				
Hook & Loop Strip 1"													

150 5/10/17-58-

SPECIFICATION CONTROL DRAWING



DESCRIPTION: HOOK AND LOOP STRIP WITH ADHESIVE BACK

SPECIFICATION: D3800-1-XXX-YYY LOOP STRIP (ie. SOFT VELCRO STRIP)
D3800-3-XXX-YYY HOOK STRIP (ie. HARD VELCRO STRIP) B

WHERE 'XXX' IS WIDTH IN HUNDREDTHS OF AN INCH
AND 'YYY' IS LENGTH IN TENTHS OF AN INCH

EG. 1" WIDE BY 2.5" LONG LOOP STRIP = D3800-1-100-025
2" WIDE BY 10.0" LONG HOOK STRIP = D3800-3-200-100

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W/O: 160655

PART NUMBER	WIDTH	PURCHASE
D3800-1-100-YYY LOOP STRIP	1.0	McMASTER CARR P/N: 9776K122, 9776K126, 9776K18, 9776K28, 9776K131, 9776K38
D3800-3-100-YYY HOOK STRIP	1.0	McMASTER CARR P/N: 9776K97, 9776K113, 9776K13, 9776K23, 9776K117, 9776K33
D3800-1-100-YYY & D3800-3-100-YYY (PURCHASED AS COMBINATION PACK)	1.0	McMASTER CARR P/N: 9776K72, 9776K76, 9776K79, 9776K84, 9776K88, 9776K93
D3800-1-200-YYY LOOP STRIP	2.0	McMASTER CARR P/N: 9776K123, 9776K127, 9776K19, 9776K29, 9776K132, 9776K39
D3800-3-200-YYY HOOK STRIP	2.0	McMASTER CARR P/N: 9776K98, 9776K114, 9776K14, 9776K24, 9776K118, 9776K34
D3800-1-200-YYY & D3800-3-200-YYY (PURCHASED AS COMBINATION PACK)	2.0	McMASTER CARR P/N: 9776K73, 9776K77, 9776K81, 9776K85, 9776K89, 9776K94

NOTES:

- 1) MATERIAL: WOVEN NYLON HOOK AND LOOP WITH ADHESIVE BACK
BEIGE COLOR
ACCEPTABLE SUPPLIERS PER ABOVE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

RELEASED
08.10.19

B	ADD 1" WIDTH OPTION, "XXX-YYY" WAS "XXX", ADD ADDITIONAL McMASTER PART NUMBERS	CP	08.09.09
A	NEW ISSUE	CP	08.06.18
REV.	DESCRIPTION	BY	DATE
DESIGN	GP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	GP		
CHECKED	PH	DRAWING NO.	REV. B
MFG. APPR.	BE	D3800	SHEET 1 OF 1
APPROVED	GP	TITLE	SCALE
DE APPR.	GP	HOOK AND LOOP STRIP	NTS
DATE	08.09.09	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36214**

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

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Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAY 05 2017

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	30365T35 AS PER DWG D4405 REV. A B160649	Swivel Eye & Fork	5/10/2017 Yes 5/10/2017		2.00 Each	\$69.79	\$139.58
Line Total:							\$139.58
2	59915K274 AS PER DWG D4777 REV. A B160650	Rod End Bearing	5/10/2017 Yes 5/10/2017		10.00 Each	\$19.05	\$190.50
Line Total:							\$190.50
3	9776K38 AS PER DWG D3800 REV. B B160655	Hook & Loop Strip 1"	5/10/2017 No 5/10/2017		150.00 f	\$1.21	\$181.18

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8017-5-8

Note:

5/5/2017



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO36214

Order Placed By
Chantal Lavoie

McMaster-Carr Number
2894755-02

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05/05/2017

Line	Product	Ordered	Shipped
1	30365T35 Eye-to-Clevis Swivel - Not for Lifting 316 Stainless Steel, 5-3/4" Long	2 Each	2
2	59915K274 Corrosion-Resistant Ball Joint Rod End 3/8"-24 Thread, Right Hand	10 Each	10
3	9776K38 1" Wide x 75' Long Loop, Adhesive Back, Beige	2 Each	2
4	9776K33 1" Wide x 75' Long Hook, Adhesive Back, Beige	2 Each	2
6	90145A624 18-8 Stainless Steel Dowel Pin 3/8" Diameter, 1" Long, Packs of 5	20 Packs	20
7	90145A542 18-8 Stainless Steel Dowel Pin 1/4" Diameter, 1" Long, Packs of 10	2 Packs	2
8	8492A064 Press-Fit Drill Bushing with Head 0.2656" ID, 1/2" OD	8 Each	8
9	3344T54 Ratchet Puller with Wire Rope Standard Handle, 2000 lbs. Capacity, 12 Feet Reach	1 Each	1
10	2757A34 Cutting Wheel for Tube and Pipe Cutter Ridgid 35S, Packs of 2	2 Packs	2
11	3033A232 Heat-Resistant Cobalt Steel Jobbers Drill Bit Wire Gauge 20, 3-1/4" Overall Length, 1.9" Drill Depth, 135Deg Point	12 Each	12
12	8491A105 Press-Fit Drill Bushing 0.161" ID, 1/2" Long	40 Each	40
13	7219K5 1 Gang Industry Designation Blank Cover for Weatherproof Outlet Box	6 Each	6
14	2105T12 Plastic Surface-Mount Outlet Box White, for 1 Device	10 Each	10
15	4372T28 Spray Bottle with Checklist and Write-on Area 24 oz. Capacity, Packs of 4	1 Pack	1

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Shipped separately from our Chicago warehouse on 05/05

5	75045A66 Flexible Epoxy Structural Adhesive 3M 2216, 26.6 oz. Can	1 Each	1
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